



Monthly Progress Report

November 2004

Soil Remediation Phase

Start Date: 08/31/04

End Date: Pending

Tasks Performed:

Champion continued excavation in the main pit continuing along the east bench chasing the visibly contaminated soil. R&R continued taking bulk samples of contaminated soils at various depths and locations around the excavation, entering their locations on the site map and archiving the samples for later reference.

Finished the excavation of the main road south of the UTA area. No visible vermiculite contamination was observed so the crew excavated 1' of material up to the control house.

On 8 Nov, crew finished the bulk excavation of the main pit. Started the "finish" scrape process.

Created engineering controls for entering the crawlspace under the control house. Specified the use of a negative air unit to create negative air flow inside the crawlspace, a pop-up "decon" chamber to be placed over the access panel, and confined space entry procedures. Ken Duncan also specified use of rubber mats to cover the battery bank adjacent the access panel to ensure inadvertent contact will not create an electrical injury. Tom, Vince, and Ken conducted the survey under the control house, with Ken acting as electrical safety, Vince acting as confined space watch and general safety, and Tom entering the space and conducting the survey. While inside, Tom attempted to drill through the wall to create a reference hole, but the 18" bit was too short to penetrate the wall. He measured the wall thickness by running his tape measure through an empty conduit portal and observed the wall was 22" thick. Champion contracted with Greene Concrete Cutting crew to drill a 24" access hole in the wall on the west side to allow access for cleaning out the space. Cutting crew arrived onsite AM of 18 Nov, received orientation and safety training, and then cut the hole.

Conducted site survey for the capacitor yard from the main pit wall to the control house. Made site drawings and had them converted to CAD drawings along with the main drawings of the entire site. Also measured the NE metal-clad area and the UTA area and included those structures in the CAD drawings.

Ground grid was tested and the NE transformer was not properly grounded. PacifiCorp crews corrected the situation by installing an entirely new ground grid for that transformer. All work was done in the cleared areas east of the Artistic Printing building.

Clearance samples taken by Todd (CDM) on the road adjacent the UTA area on 9 Nov came back trace, so the area is cleared.

Clearance samples taken by Todd (CDM) 11 Nov for the north three quadrants of the east section of the main pit came back trace so the areas are cleared.

Clearance samples taken by Andy (CDM) 17 Nov for the area in the far south-east corner of the main pit came back trace so the area is cleared.

Planned Tasks for Next Month:

Issues Addressed:

At David Wilson's instruction, R&R conducted measurements of the depth of fill of the trucks as they were loaded out on Nov 4th and 5th. Photos were taken of the filled beds as well.

Continued excavation on the east side of the main pit continues to uncover vermiculite contamination.

Continued excavation along the east section of the west access road has uncovered vermiculite contamination as deep as 3' below surface.

During visual prep before clearance samples in the east half of the main pit, R&R observed some surface vermiculite contamination along the east slope of the main pit near the SE corner where a small wall protruded from the slope surface. A crew was dispatched to clean up that area in preparation for clearance soil sampling by CDM. As the crew dug, further material was uncovered, and it appears that this material may run under the asphalt of the AMPCO parking lot east of the main pit.

Under very muddy conditions, the loading of the trucks creates splatter which goes beyond the decon pad area. R&R discussed this with Champion and determined to load deeper into the bed of the trucks so less velocity is developed and thus less splatter. Also discussed wiping down or changing the fence screen after operations today due to the excessive splatter. Crew cleaned up around the area and wiped down the fence screen.

Operation of the vacuum truck in and around the switchyard has raised Ken Duncan's concerns about maintenance of clearances. Crew moved the vehicle further west to ensure clearance is maintained.

While excavating north of the capacitor bank, the excavator hooked the end of a conduit "elbow" containing a 46kV line. He stopped immediately upon feeling resistance, and Vince (R&R) took a look at the line. It was apparent that there was no damage to the

sheathing. Ken came in and looked at it as well. He talked to PacifiCorp repair and discussed the situation. No power interruptions or problems had been noted, so Champion marked the area and work continued. The line will be repaired after clearance is attained in that area and crew is ready to backfill.

Continue to find contamination along the west side of the main pit wall adjacent the capacitor bank. The material appears to follow the wall all the way down.

Cost Summary:

Schedule Summary: